

Abstract of the Disclosure

An electronic control unit includes a serial communication circuit capable of easily confirming presence or absence of communication error while regular transmission/regular report
5 between master station and sub station are performed timely. First and second control circuit sections 200a (master station) and 200b (sub station) communicate mutually via series-parallel converters 117, 127. The master station includes regular transmission device 201 and irregular transmission device 211.
10 The sub station includes regular report device 221, confirmation reply device 205 and report reply device 215 relative to transmission data from the master station, and unprocessed data table 204. The confirmation reply device 205 and report reply device 215 confirm whether or not downstream communication from
15 the master station to sub station is normal. When any error is present in regular report data through upstream communication, the error is confirmed on the fact the irregular transmission device 211 makes retransmission readout request.